

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

RECEIVED
BLM
99 APR -5 PM 1:30
070 FARMINGTON, NM

| | |
|--|---|
| 1. Type of Well Gas | 5. Lease Number SF 078414A |
| 2. Name of Operator Lively Exploration Company | 6. If Indian, All. or Tribe Name |
| 3. Address & Phone No. of Operator c/o Hicks Oil & Gas, PO Drawer 3307, Farmington, NM 87499 505-327-4902 | 7. Unit Agreement Name |
| 4. Location of Well, Footage, Sec., T, R, M 1610' FNL and 1770' FWL, Sec. 17, T-29-N, R-8-W, | 8. Well Name & Number Lively #10 |
| | 9. API Well No. 30-04521194 |
| | 10. Field and Pool Basin Dakota |
| | 11. County & State San Juan County, NM |

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

| | | |
|--|---|--|
| Type of Submission | Type of Action | |
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

Lively Exploration proposes to plug and abandon this well on per the attached plugging procedure.

14. I hereby certify that the foregoing is true and correct.

| | | |
|--|--|--|
| Signed <u>Jim Hicks</u> | Title <u>Agent</u> | Date <u>4/1/99</u> 2/23/99 |
| (This space for Federal or State Office use) | | |
| APPROVED BY <u>/S/ Duane W. Spencer</u> | Title <u>Team Lead, Petroleum Management</u> | Date <u>APR - 8 1999</u> |
| CONDITION OF APPROVAL, if any: | | |

NMOCB

PLUG & ABANDONMENT PROCEDURE

2-3-99

Lively #10

Basin Dakota

1610' FNL & 1770' FWL, Section 17, T-29-N, R-8-W
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Lively safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. TOH and LD 231 joints 1-1/4" EUE tubing (7477'). Tally and PU 2-3/8" tubing workstring. Round-trip 4-1/2" gauge ring to 7250'.
3. **Plug #1 (Dakota perforations and top, 7250' – 7150')**: Set 4-1/2" wireline CIBP or cement retainer at 7250'. TIH with open ended tubing and CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 11 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate Dakota interval. If casing does not test, spot or tag subsequent plug as appropriate. PUH to 6522'.
4. **Plug #2 (Gallup top, 6522' – 6422')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 4699'.
5. **Plug #3 (Mesaverde top, 4699' – 4599')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover Mesaverde top. PUH to 3404'.
6. **Plug #4 (7" casing shoe, 3404' – 3304')**: Mix 11 sxs Class B cement and spot a balanced plug inside casing to cover 7" casing shoe. POH.
7. Perforate 3 HSC squeeze holes at 3100' and attempt to establish circulation to surface. ND BOP and tubing head. Weld slip on collar onto 4-1/2" casing. Pick up on 4-1/2" casing and determine free point by stretch. Jet cut 4-1/2" casing at approximately 3100'. RU casing handling tools; POH and LD casing.
8. **Plug #5 (4-1/2" casing stub, Pictured Cliffs and Fruitland tops, 3150' – 2655')**: Mix 96 sxs Class B cement and spot a balanced plug inside casing to cover Fruitland top. PUH to 2185'.
9. **Plug #6 (Kirtland and Ojo Alamo tops, 2185' – 1915')**: Mix 62 sxs Class B cement and spot a balanced plug inside casing to cover the Ojo Alamo top. PUH to 715'.
10. **Plug #7 (Nacimiento top, 715' – 615')**: Mix 29 sxs Class B cement and spot a balanced plug inside casing to cover the Nacimiento top. TOH and LD tubing.
11. **Plug #8 (9-5/8" casing shoe at 228)**: Perforate 3 HSC squeeze holes at 278'. Establish circulation out bradenhead valve. Pump approximately 95 sxs Class B cement down 4-1/2" casing from 278' to surface, circulate good cement to surface. Shut in well and WOC.
12. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Lively #10

Current

Basin Dakota

NW, Section 17, T-29-N, R-8-W, San Juan County, NM

Today's Date: 2/3/99

Spud: 2/19/73

Completed: 4/17/73

Elevation: 6394' (GL)
6405' (KB)

13-3/4" hole

9-5/8" 32.3# Csg set @ 228'
175 sxs cement (Circulated to Surface)

TOC @ 360' (Calc, 75%)

Nacimiento @ 665'

1-1/4" Tubing set at 7477'
(231 jts, 2.4#, EUE)

Ojo Alamo @ 1965'

Kirtland @ 2135'

Fruitland @ 2705'

Pictured Cliffs @ 3040'

TOC @ 3159' (Calc, 75%)

8-3/4" Hole

7" 20# & 23#, N-80/J-55 Casing Set @ 3354'
Cemented with 600 cf

Mesaverde @ 4649'

Gallup @ 6472'

Dakota @ 7297'

Dakota Perforations:
7302' - 7534'

PBTD 7534'

6-1/4" Hole

4-1/2" 11.6#, K-55 Casing Set @ 7545'
Cemented with 250 sxs (600 cf)

TD 7545'

